

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4712	(aluminum or aluminium) and (cold near2 (roll\$4 or work \$4)) and anneal\$4 near10 (((heat or heated or heating) with rate) or (C/s or "C/sec" or "C/second" or "C./sec" or "C./s" or "C./second" or "C./min" or "C./minute" or "C./hr" or "C./hour" or "C./h" or "C/min" or "C/minute" or "C/hr" or "C/hour" or "C/h" or "C.s" or "C.sec" or "C.second" or "C.min" or "C.minute" or "C.hr" or "C.hour" or "F/sec" or "F/second" or "F./s" or "F./min" or "F./minute" or "F./hr" or "F./hour" or "F./h" or "F/sec" or "F/second" or "F/s" or "F/min" or "F/minute" or "F/hr" or "F/hour" or "F/h" or "f.s" or "f.sec" or "f.second" or "f.min" or "f.minute" or "f.hr" or "f.hour" or K/s or "K/sec" or "K/second" or "K./sec" or "K./s" or "K./second" or "K./min" or "K./minute" or "K./hr" or "K./hour" or "K./h" or "K/min" or "K/minute" or "K/hr" or "K/hour" or "K/h" or "k.s" or "k.sec" or "k.second" or "k.min" or "k.minute" or "k.hr" or "k.hour" or ((C or "C." or F or "F." or K or "K.")) near2 (hour or hr or second or sec or min or minute))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/25 10:28

L2	578	L1 and (heat adj2 exchang\$4 or braz\$4 or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/25 10:28
L3	1039	L1 and continuous\$4 near5 cast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/25 10:28
L4	130	L2 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/25 10:28
S1	19	(3827917 6344096  4334935 4021271  3852122).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S2	56	(3827917 6344096  4334935 4021271  3852122) not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S3	2	"20060118214"	US-PGPUB; DERWENT	ADJ	OFF	2008/04/24 12:26
S4	16	(Morten near2 Syslak).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S5	7	(Xiao-Jun near2 Jiang). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S6	2203	(Norsk Hydro).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26

S7	5	(Jon near2 Evensen).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S8	16	S4 or S5 or S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S9	19	(3827917 6344096  4334935 4021271  3852122).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S10	1	GB "1457697"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S11	2	"20050106410"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S12	5	"2002007881"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S13	5	"6667115"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S14	455	S6 and (aluminium or aluminum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26

S15	55	S6 and (aluminium or aluminum) and (heat adj2 treat\$4 or anneal\$4 or precipitation or age (harden\$4 or strengthen \$4) or (cold or hot) near2 (roll\$4 or work \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S16	52	S15 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S17	2	S6 and C22F001/\$4.ipc. and (aluminum or aluminium) not (S16 or S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S18	4	S6 and C22F001/\$4.ipc. not (S16 or S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S19	1	S6 and (aluminum or aluminium) near (continuous\$4 near2 cast \$4) not (S16 or S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S20	69	S2 or S10 or S11 or S12 or S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S21	19	(3827917 6344096 4334935 4021271 3852122).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:26
S22	56	(3827917 6344096 4334935 4021271 3852122) not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27

S23	1	GB "1457697"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S24	2	"20050106410"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S25	5	"2002007881"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S26	5	"6667115"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S27	69	S22 or S23 or S24 or S25 or S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S28	195	(continuous\$2 or strip) near3 cast\$4 and (aluminum or aluminium) and (heat adj2 exchanger or braz \$4) and (cold or hot) near2 (roll\$4 or work\$4) and (anneal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S29	188	S28 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27

S30	62	(aluminum or aluminium) and (heat adj2 exchanger or braz \$4) and (cold or hot) near2 (roll\$4 or work\$4) and (anneal\$4) and ((particle or precipitate) near5 (diameter or area or radius or iron or Fe))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 12:27
S31	381	S1 or S4 ot S7 ot S3 or S10 or S11 or S13 or S5 or S8 or S9 or S22 or S23 or S24 or S25 or S26 or S28 or S19 or S15 or S16 or S17 or S18 or S20 or S27 or S29 or S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:12
S32	813	148/549,551,552.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:14
S33	813	148/549,551,552.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:14
S34	793	148/415-417.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:14
S35	1593	148/688-698.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:14
S36	3646	C22F001/04.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:15

S37	442	C22F001/043.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:15
S38	677	C22F001/047.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:15
S39	471	C22F001/05.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:15
S40	241	C22F001/053.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:15
S41	213	C22F001/057.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:15
S42	6533	(S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41) not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/04/24 13:16
S43	314	S42 and (particle or precipitate) and (cold near2 roll\$4) and anneal \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:20
S44	192	S43 and (continuous\$4 or strip or sheet) near5 cast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:21

S45	12	S44 and (heat adj2 exchang\$4 or braz\$4 or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:21
S46	110	S42 and (particle or precipitate) near10 (size or diamter or area or volume) and (cold near2 roll\$4) and anneal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:28
S47	103	S46 not (S45)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:29
S48	5	S47 and (heat exchanger or brazing or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:30
S49	398	S48 or S45 or S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:42
S50	1899	(aluminium or aluminum) and (continuous\$4 near3 cast \$4) and (particle or precipitate or dispersoid or intermetallic) near10 (size or diameter or radius or area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:43
S51	814	(aluminium or aluminum) and (continuous\$4 near3 cast \$4) and (particle or precipitate or dispersoid or intermetallic) near10 (size or diameter or radius or area) and (anneal\$4 or cold near5 (roll\$4 or work\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:44



S52	216	(aluminium or aluminum) and (continuous\$4 near3 cast \$4) and (particle or precipitate or dispersoid or intermetallic) near10 (size or diameter or radius or area) and (heat adj2 exchang\$4 or brazing or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:44
S53	143	S52 not S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:45
S54	435	(aluminium or aluminum) and (continuous\$4 near3 cast \$4) and (particle or precipitate or dispersoid or intermetallic) near5 (size or diameter or radius or area) and (anneal\$4 and cold near5 (roll\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:52
S55	296	(aluminium or aluminum) same (continuous\$4 near3 cast \$4) and (particle or precipitate or dispersoid or intermetallic) near5 (size or diameter or radius or area) and (anneal\$4 and cold near5 (roll\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 13:56
S56	143	(aluminium or aluminum) same (continuous\$4 near3 cast \$4) and (particle or precipitate or dispersoid or intermetallic) near5 ("mu.m" or "mu" or "mu." or micron or micrometer or ".mu.m" or ".mu." or "mum" or "mu.m" or \$1"mu.m" or microns or micrometers) and (anneal\$4 and cold near5 (roll\$4)) not (S53 or S49)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:07

S57	148	C22F001/\$4.ipc. and F28F\$8.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:18
S58	684	S56 or S53 or S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:18
S59	143	S57 not S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:19
S60	6	M22-G03A\$2 and J08-D01\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:20
S61	376	B23K\$8.ipc. and C22F001/\$4.ipc. not (S60 or S59 or S58)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:23
S62	46	(iljoon near2 Jin).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:25
S63	28	(Sunao near2 Fukuda).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:25
S64	64	(S62 or S63) not (S60 or S59 or S58)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 14:25

S65	4712	(aluminum or aluminium) and (cold near2 (roll\$4 or work \$4)) and anneal\$4 near10 (((heat or heated or heating) with rate) or (C/s or "C/sec" or "C/second" or "C./sec" or "C./s" or "C./second" or "C./min" or "C./minute" or "C./hr" or "C./hour" or "C./h" or "C/min" or "C/minute" or "C/hr" or "C/hour" or "C/h" or "C.s" or "C.sec" or "C.second" or "C.min" or "C.minute" or "C.hr" or "C.hour" or "F./sec" or "F./second" or "F./s" or "F./min" or "F./minute" or "F./hr" or "F./hour" or "F./h" or "F/sec" or "F/second" or "F/s" or "F/min" or "F/minute" or "F/hr" or "F/hour" or "F/h" or "f.s" or "f.sec" or "f.second" or "f.min" or "f.minute" or "f.hr" or "f.hour" or K/s or "K/sec" or "K/second" or "K./sec" or "K./s" or "K./second" or "K./min" or "K./minute" or "K./hr" or "K./hour" or "K/h" or "K/min" or "K/minute" or "K/hr" or "K/hour" or "K/h" or "k.s" or "k.sec" or "k.second" or "k.min" or "k.minute" or "k.hr" or "k.hour" or ((C or "C." or F or "F." or K or "K.")) near2 (hour or hr or second or sec or min or minute))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:38
S66	578	S65 and (heat adj2 exchang\$4 or braz\$4 or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:40

S67	1039	S65 and continuous\$4 near5 cast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:40
S68	130	S66 and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:40
S69	29	(US-20040185293-\$ or US-20050106410-\$ or US-20050019205-\$ or US-20030133825-\$ or US-20010001402-\$ or US-20030015573-\$ or US-20020153069-\$).did. or (US-6602364-\$ or US- 4334935-\$ or US- 3852122-\$ or US- 6344096-\$ or US- 6667115-\$ or US- 6238497-\$ or US- 4737198-\$ or US- 4126487-\$ or US- 6165291-\$ or US- 3989548-\$ or US- 4409036-\$ or US- 6106641-\$ or US- 6261706-\$ or US- 6764558-\$ or US- 6471794-\$ or US- 6620265-\$ or US- 4163665-\$ or US- 6352789-\$).did. or (WO- 2090031-\$ or WO- 3054242-\$).did. or (JP- 02259052-\$).did. or (US- 3827917-\$ or EP- 1136581-A-\$ or US- 20040086417-A-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 18:49

4/ 25/ 2008 10:56:33 AM

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